AMENDED CLAIMS
[received at the International Office on the 9th February 2004 (09.02.04) original claim 1 replaced by amended claim 1, claim 3 deleted (1 pages)]

1. Process for the melt spinning of PES microfilaments with a titre of not more than 0.7 dtex,
characterised in that
the microfilaments are spun as partially oriented yarn (POY) at spinning speeds from 2250 to 3300 m/min from the melt of a polyester with reduced relative solution viscosity compared with PES fibre spinning grades with relative solution viscosities of between 1.60 and 1.65 as a function of their titre, wherein the relative solution viscosity reduced as a function of titre is determined according to the formula

$$\text{eta rel} = (0.1052 \times \ln X) + 1.649,$$

where X is the filament titre in dtex,
and wherein the spin performance of defined filament titres can be realised with a breadth of fluctuation of relative solution viscosity of ± 0.05.

2. Process according to claim 1,
characterised in that
the polyester melt is polyethylene terephthalate.

3. deleted.

4. Process according to claim 2 or 3,
characterised in that the reduced relative solution viscosity of the polyethylene terephthalate melt is adjusted by adding and homogeneously mixing in at least one viscosity-regulating additive.